

Figure 1 (prior art)

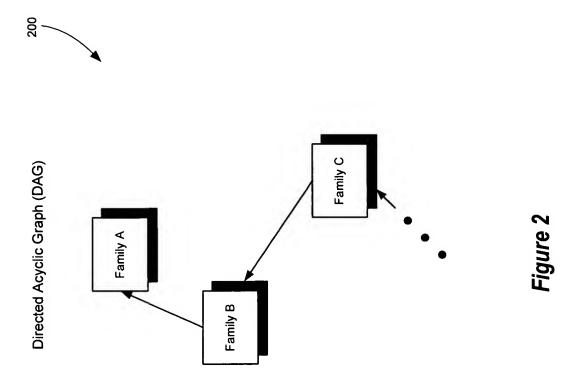


Figure 3 (prior art)

Figure 4 (prior art)

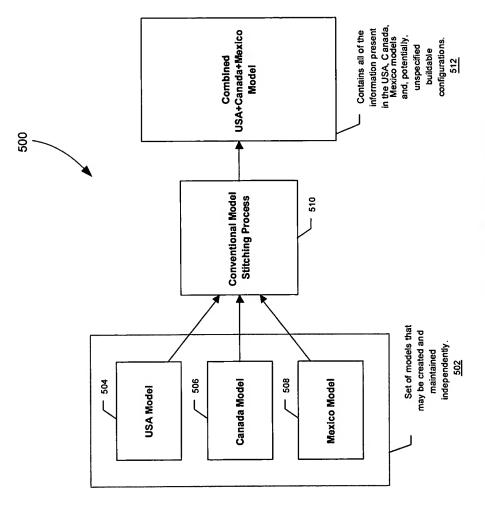
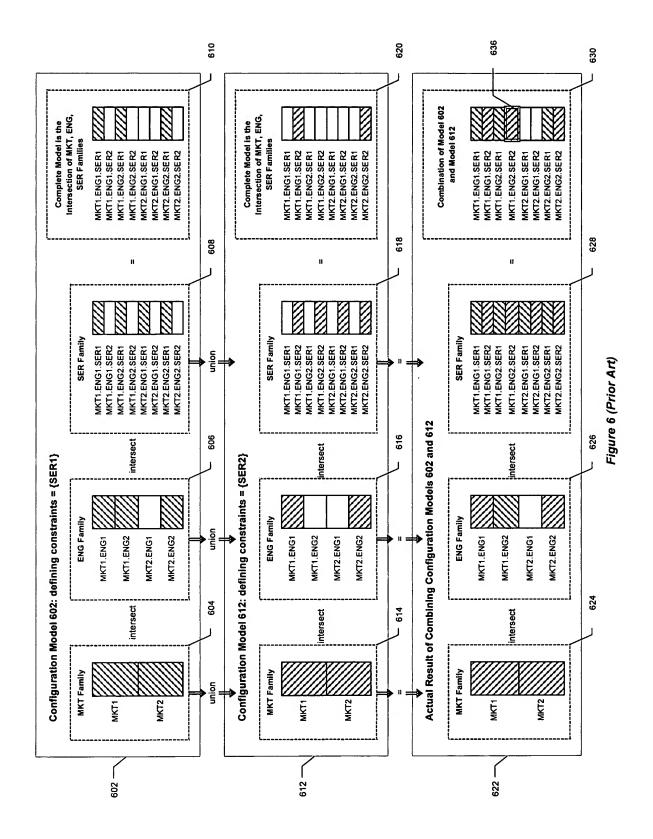


Figure 5 (Prior Art)



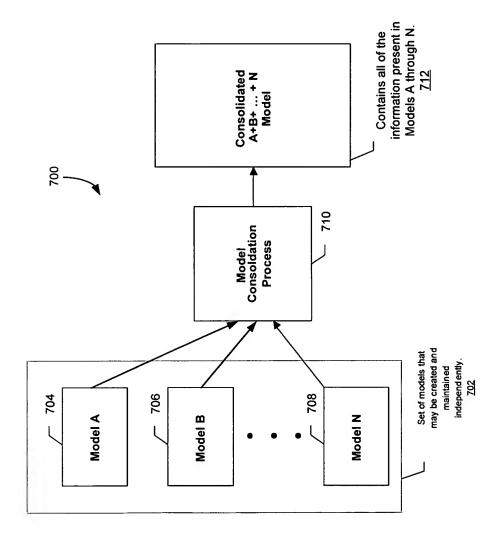


Figure 7

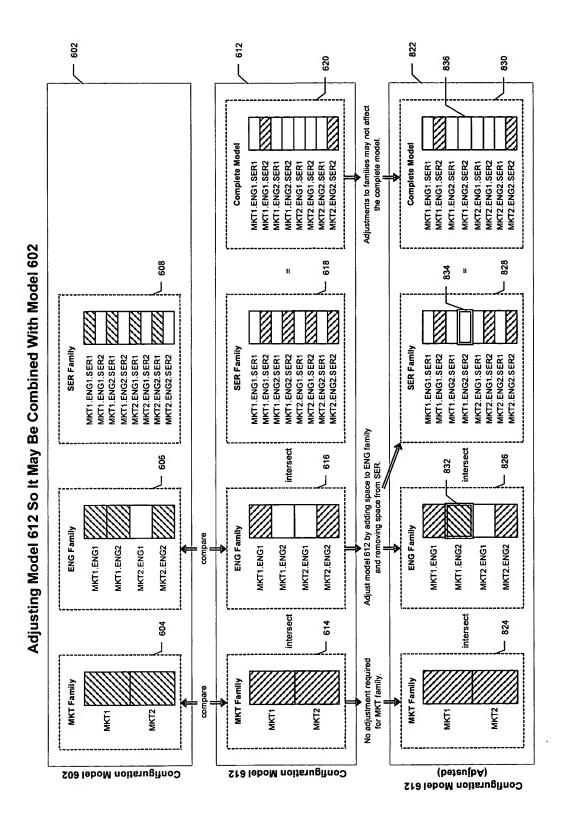


Figure 8

830 610 930 Complete Model is the Intersection of MKT, ENG, SER Families Consolidation of Model 602 Complete Model is the Intersection of MKT, ENG, and Model 612 SER Families MKT1.ENG2.SER2 MKT2.ENG1.SER1 MKT2.ENG1.SER2 MKT2.ENG2.SER1 MKT1.ENG1.SER2 MKT1.ENG2.SER1 MKT1.ENG2.SER2 MKT1.ENG1.SER2 MKT1.ENG2.SER1 MKT2.ENG1.SER1 MKT2.ENG1.SER2 MKT2.ENG2.SER2 MKT1.ENG2.SER2 MKT2.ENG1.SER2 MKT2. ENG2. SER1 MKT2. ENG2. SER2 MKT1.ENG1.SER2 MKT2.ENG2.SER2 MKT1.ENG1.SER1 MKT2.ENG2.SER1 MKT1.ENG1.SER1 MKT2.ENG1.SER1 MKT1.ENG1.SER1 MKT1.ENG2.SER1 608 828 928 SER Family SER Family SER Family MKT1.ENG1.SER1 MKT1.ENG1.SER2 MKT1.ENG2.SER1 MKT2.ENG1.SER1 MKT2.ENG1.SER2 MKT2.ENG2.SER1 MKT1.ENG2.SER2 MKT2.ENG1.SER1 MKT2.ENG1.SER2 MKT2.ENG2.SER2 MKT1.ENG2.SER2 MKT2.ENG1.SER1 MKT2.ENG1.SER2 MKT2.ENG2.SER1 MKT2.ENG2.SER2 MKT1.ENG1.SER1 MKT1.ENG1.SER2 MKT1.ENG2.SER2 MKT2.ENG2.SER2 MKT1.ENG1.SER2 MKT1.ENG2.SER1 MKT1.ENG1.SER1 MKT2.ENG2.SER1 MKT1.ENG2.SER union Actual Result of Combining Configuration Models 602 and 612 (ADJUSTED) Configuration Model 612 (ADJUSTED): defining constraints = {SER2} 926 909 intersect 826 intersect intersect Configuration Model 602: defining constraints = {SER1} **ENG Family ENG Family ENG Family** union MKT1.ENG1 MKT1.ENG2 MKT1.ENG1 MKT1.ENG2 MKT2.ENG2 MKT2.ENG1 MKT2.ENG2 MKT1.ENG1 MKT1.ENG2 MKT2.ENG2 MKT2.ENG1 MKT2.ENG1 intersect intersect intersect 924 604 824 MKT Family MKT Family MKT Family union MKT2 MKT2 MKT2 MK1 MK1 Σ¥ 822 922 602

Result of Combining Configuration Models 602 and 612 Using Model Consolidation System 1200

Figure 9A

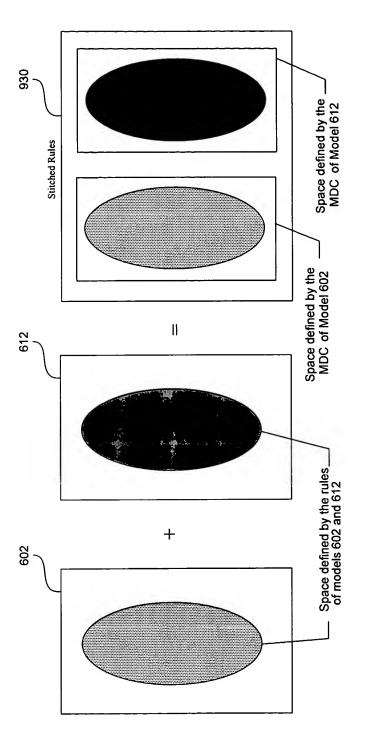
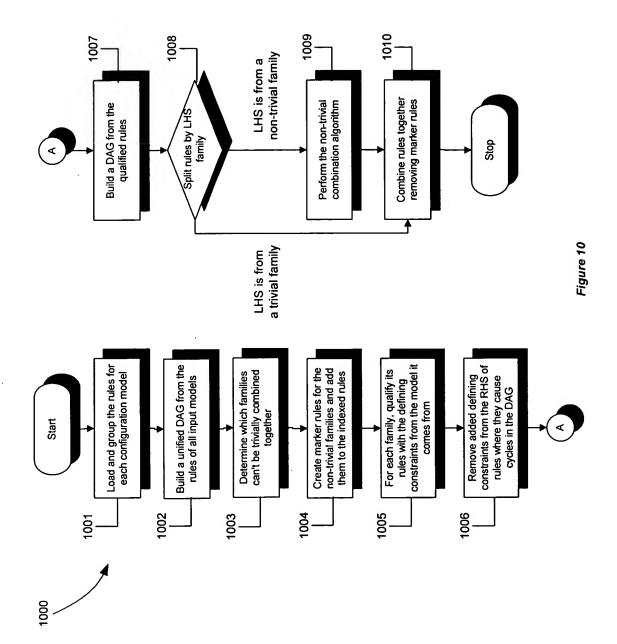


Figure 9B



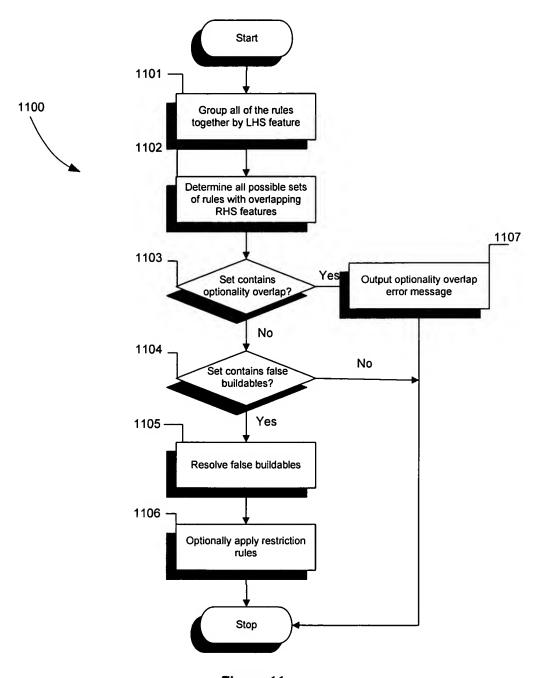


Figure 11

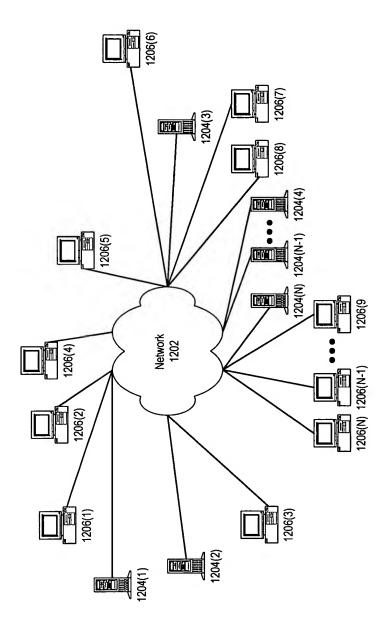


Figure 12

